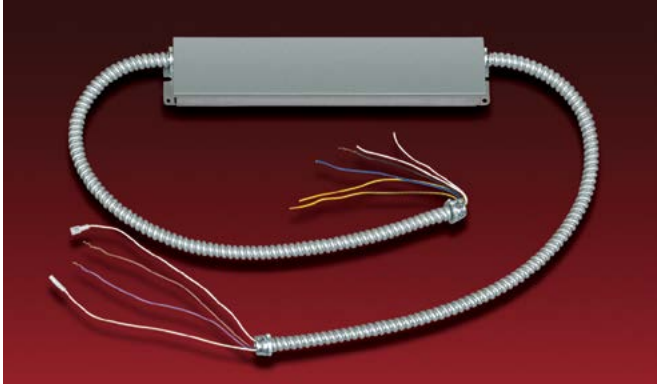


## LALDR-N Series Emergency LED driver

Convert new or existing LED fixtures into emergency lighting units with constant power emergency LED drivers



### Housing

- Galvanized steel construction
- LED illuminated remote test switch

### Mounting

- Suitable for installation on top or remotely (up to 20 feet)

### Lamp types

- LED lamps with 20VDC to 50VDC operating voltage
- Can be wired for normally-on, normally-off or switched loads
- Lumen output depends on LED light source efficacy (lumens/watts)

### Electronics

- Universal 120/277, 50/60Hz input
- Provides 90 minutes of emergency operation
- Surge protection: per C62.41 (TVS)
- Output and input overcurrent protection
- Constant power supply in emergency mode

### Battery

- Long-life, lithium battery
- 24 hour battery recharge time

### Approvals

- Damp location listed
- UL classified for field 50F to 122F
- UL 924 approved, NFPA 101 life safety code, NEC, and BC-California Energy Commission Title 20

### Warranty (subject to proper installation and maintenance)

Unit has a three year warranty

Detailed warranty terms located online at:

[www.lightalarms.com](http://www.lightalarms.com)



## Important note

### LALDR SERIES system coordination guidelines

These guidelines were developed to allow the lighting system designer/specifier to predict the operating performance levels of LED luminaires when powered by an electrically compatible LALDR Series model. It is ultimately the responsibility of the designer/specifier to ensure that the as installed system delivers code-compliant path of egress illumination.

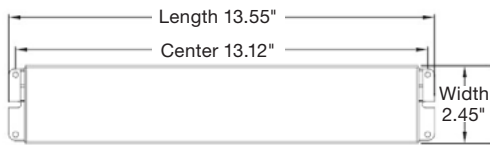
#### 1. Determine electrical compatibility

- Verify that the Luminaire LED Driver, where applicable, is Class 2 compliant.
- Verify that the Luminaire LED Lamp(s) have an operating voltage between 10Vdc and 60Vdc.
- Verify that the Luminaire LED Lamp(s) have a power rating equal to, or greater than, the emergency power rating of the LALDR model under consideration.

**Calculate lumen output during emergency operation**

- Lumen output = Efficacy (lumen/watt) X emergency LED driver wattage
- In order to understand luminaire efficacy:
  - Access luminaire data by logging onto DesignLites Consortium [www.designlights.org](http://www.designlights.org)
  - Select 'Search the DLC Qualified Product List' on the DLC homepage
  - Enter manufacturer name and P/N of luminaire under consideration in the 'search by keyword' text window
  - Select 'Search' tab to open the 'Qualified Products List'
  - Determine luminaire lumens per watt efficacy in 'Rated Data' specifications
  - Multiply luminaire lumens per watt by emergency output of the 'LED Driver' model under consideration

**Dimensions** (dimensions are approximate and subject to change)



**Electrical information**

| Model      | Output     | Input     |
|------------|------------|-----------|
| LALDR-11-N | 11 Watts   | 5.7 Watts |
| LALDR-14-N | 13.7 Watts | 6.9 Watts |

**How to order**

| Series                     | Wattage      |
|----------------------------|--------------|
| LALDR-                     | 11-N<br>14-N |
| <b>Example: LALDR-14-N</b> |              |